

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002298

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H01J43/28, 43/12, 43/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H01J43/00-43/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 5568013 A (CENTER FOR ADVANCED FIBEROPTIC APPLICATIONS), 22 October, 1996 (22.10.96), Column 3, line 43 to column 4, line 8; column 6, 6th line from the bottom to column 7, line 44; Figs. 13 to 17 (Family: none)	1-12, 14-18 13
Y A	US 3244922 A (INTERNATIONAL TELEPHONE AND TELEGRAPH CORP.), 05 April, 1966 (05.04.66), Full text; Figs. 1, 5, 6 (Family: none)	1-12, 14-18 13

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
12 May, 2005 (12.05.05)

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Japanese Patent Office

Authorized officer

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2000-40487 A (Okaya Electric Industries Co., Ltd.), 08 February, 2000 (08.02.00), Par. No. [0010] (Family: none)	8-10, 14-18 13
Y	GB 503211 A (FRANK B. DEHN & CO.), 03 April, 1939 (03.04.39), Page 1, right column, lines 2 to 11; Fig. 1 (Family: none)	11, 16, 17
A	US 3225239 A (THE BENDIX CORP.), 21 December, 1965 (21.12.65), Full text; all drawings & GB 954247 A & DE 1207019 B & FR 1305145 A	1-18